



The Clorox Company
1221 Broadway
Oakland, CA 94612
Tel. (510) 271-7000

Material Safety Data Sheet

I Product: FORMULA 409® ALL PURPOSE CLEANER		
Description: GREEN LIQUID		
Other Designations	Distributor	Emergency Telephone Nos.
All Purpose Cleaner Misty Breeze Fragrance Lemon Fresh Fragrance	Clorox Sales Company 1221 Broadway Oakland, CA 94612	For Medical Emergencies call: (800) 446-1014 For Transportation Emergencies Chemtrac (800) 424-9300

II Health Hazard Data	III Hazardous Ingredients									
CAUTION: EYE IRRITANT. Avoid eye and prolonged skin contact. Do Not ingest	<table><tr><th>Ingredients</th><th>Concentration</th><th>Worker Exposure Limit</th></tr><tr><td>Alkyl (C₁₂40%; C₁₄50% C₁₆10%) dimethyl benzyl Ammonium chloride CAS# 68424-85-1</td><td>0.3%</td><td>Not Established</td></tr><tr><td>Ethylene Glycol Monobutyl Ether CAS # 111-76-2</td><td>0.5-5%</td><td>25 ppm TLV-TWA 25 ppm PEL</td></tr></table>	Ingredients	Concentration	Worker Exposure Limit	Alkyl (C ₁₂ 40%; C ₁₄ 50% C ₁₆ 10%) dimethyl benzyl Ammonium chloride CAS# 68424-85-1	0.3%	Not Established	Ethylene Glycol Monobutyl Ether CAS # 111-76-2	0.5-5%	25 ppm TLV-TWA 25 ppm PEL
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FIRST AID:										
EYE CONTACT: Immediately flush eyes with plenty of water. If irritation persists, see a doctor.										
SKIN CONTACT: Wash with water. Seek medical attention if irritation develops or persists.										
INGESTION: Drink a glass full of water. Call Physician. Do not induce vomiting. Do not give anything by mouth to an unconscious or convulsing person.	Substance can be absorbed through the skin and may contribute to overall exposure.									
INHALATION: If breathing problems develop remove to fresh air. Seek medical attention if respiratory irritation develops or breathing becomes difficult.	None of the ingredients in this product are on the IARC, NTP or OSHA carcinogen lists.									
KEEP OUT OF REACH OF CHILDREN	TLV - TWA - Threshold Limit Value - Time Weighted Average. Source: ACGIH 1985-86.									
	PEL - Permissible Exposure Limit. Source: OSHA									
IV Special Protection and Precautions	V Transportation and Regulatory Data									
Hygienic Practices: Wear safety glasses. With repeated or prolonged use, wear gloves.	U.S. DOT Hazard Class: Not restricted									
Engineering Controls: Use general ventilation to minimize exposure to vapor or mist.	U.S. DOT Proper Shipping Name: Not restricted.									
Work Practices: Minimize skin contact and inhalation of vapor or mist.	EPA - SARA Title III/CERCLA:									
Not recommended for use on soft vinyl, varnishes or aluminum. If sprayed on these surfaces, rinse and wipe dry immediately.	Bottled product is not reportable under Sections 311/312; contains chemicals regulated under Section 313 (ethylene oxide = trace, glycol ethers < 5%); and contains chemicals (glycol ethers < 5%, ethylenediaminetetracetic acid < 1.0%, ethylene oxide = trace, and sodium hydroxide < 0.5%) which are regulated under Section 304/CERCLA.									
	TSCA Status: All components of this product are on the TSCA Inventory									
	VOC Content: 48 g/L (EPA Method 24)									
VI Spill Procedures/Waste Disposal	VII Reactivity Data									
Spill Procedures: Absorb and containerize. Wash residual down to sanitary sewer. Contact the sanitary treatment facility in advance to assure ability to process washed-down material.	Stable under normal use and storage conditions.									
Waste Disposal: Dispose of in accordance with all applicable federal, state, and local regulations.										
VIII Fire and Explosion Data	IX Physical Data									
Flash Point: >200F	pH.....12.0									
Fire Extinguishing Agents: Foam, Dry Chemical, Water, CO ₂	Solubility in Water..... complete									
Unusual Fire and Explosion Hazards: Products of combustion are toxic	Specific Gravity (H ₂ O=1).....1.015									

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DATA SUPPLIED IS FOR USE ONLY IN CONNECTION WITH OCCUPATIONAL SAFETY AND HEALTH DATE PREPARED 3/01